Engineering Staff College of India

An Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachi Bowli, Hyderabad – 500 032.

CIVIL & TRANSPORTATION ENGINEERING

CONTINUING PROFESSIONAL DEVELOPMENT PROGRAMME ON

Quality Assurance & Quality Control in Civil Engineering Construction Projects

10 - 13 October, 2017

(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Execellence

INTRODUCTION

Construction is the largest among all the industries in the country and it has been growing at an alarming rate in India. The construction industry has been struggling with quality issues for many years, and the cost to our economy is dramatic. The cost could potentially be reduced significantly if the industry were to embrace the concept of quality assurance that has been used with great success by many other sectors of the economy. The construction industry is unique, and therefore, the application of quality assurance requires an approach that meets the needs of the industry. Building owners also need to be educated as to what is quality assurance so that they can begin using their voice to encourage adaptation of this approach to protect their investments and reduce the cost of construction. Quality control in construction typically involves ensuring compliance with minimum standards of materials and workmanship in order to assure the performance of facility according to the design.

Quality assurance is about being “in control” of all major areas of your business (“key processes”) so that you can assure quality. Being “in control” also reduces variation, which improves quality. Quality assurance and quality tools add value wherever they are applied! The key to unlocking this value is to determine what level of investment is needed in quality assurance for your business.

Quality assurance is a thought process as much as it is a system, which must be learned. Quality assurance is about control, applied systematic methods, assuring quality, applied due-diligence, risk management, keeping defects from your customer, mistake-proofing, continuous improvement, and so on. Therefore, it is a worthwhile investment to periodically utilize a qualified quality professional to impart the knowledge and to assist the company in developing and maintaining the quality system and “quality toolbox”. The result will be a much smarter company.

OBJECTIVES

To create awareness among the engineers about overall Quality concepts and requirements, this program on “Quality Assurance & Quality Control in Civil Engineering Construction Projects” is formulated, with a view to help the participants understand & apply it practically to achieve effectiveness and efficiency in the construction projects.

COURSE COVERAGE :

- Basic concepts of Quality Management in Building Construction
- Quality Management System – ISO 9001 - 2015
- Applications of Quality – Design, Details, IS Codes and Specifications
- NDT Techniques – Lab Testing
- TQM in Construction Industry
- Case studies – In-Situ Testing
- Construction Safety – Planning

METHODOLOGY

This programme will be conducted in an interactive environment providing ample scope for discussions. Emphasis will be given on various design procedures and how to use them judiciously to suit our conditions. Each of the participants will be given reading material on all the topics covered during the training process.

TARGET PARTICIPANTS

Officers and Engineers from Construction companies, Government departments, Public and Private sector organizations involved in Construction activities, QA/QC Engineers, Professionals and Consultants will all be benefited directly or indirectly by attending this program.

BENEFIT TO THE PARTICIPANTS

1. Participants will gain knowledge & skills in implementing QA&QC effectively in construction projects to improve work processes.
2. Understand the importance of Quality Management in designing and detailing
3. Quality person will learn how to ensure workers abide by quality standards while performing tasks, review works specifications with sub contracts and scheduled construction project activities in logical steps.
4. Gain exposure to sustainable construction practices such as green building technology.

RESOURCE PERSONS

Renowned personalities both from industry as well as educational institutes / Universities, who are experts in this field, will be involved in providing the training.

PROGRAMME VENUE & DATES & TIMINGS

VENUE: Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad 500 032.

Dates:

10 – 13 October, 2017

Timings:

On the first day Registration will commence at 0900hrs 10th October, 2017. On all other days, the programme timings will be from 0945 - 1715 hrs with breaks in between for tea and lunch.

COURSE DIRECTOR
Shri P. Muralikrishna
Faculty & Head I/C, CTE Division

COURSE ADVISER
Shri A.R.K. Murty
Adviser, CTE Division

FEES

₹. 20,000/- (Rupees Twenty Thousand Only) (Residential fee) per participant. Fee includes, course material, course kit and twin-sharing / single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

Discounts

- **Non-Residential Fee**- 10% discount on course fee is allowed for non-residential participants.
- **Group Discount:** Additional 10% discount for three or more participants, if sponsored by the same organization. (**All discounts are applicable only if fee is received at ESCI before the commencement of the programme**.)

GST 18% is to be paid extra over and above the training fee, as training is also brought under the purview of **Service Tax. PAN Card No AAATT3439Q; Service Tax registration No AAATT3439QST008 (under commercial training or coaching services – clause 65(105) (ZZC) of Finance act – 1994).**

GSTN Number – 36AATT3439Q1ZV (HSN Number – 999293)

Programme fee is to be paid in favour of **"IE (I) – Engineering Staff College of India"** in the form of demand draft payable at Hyderabad.

Alternatively the payment may be made by **Electronic Fund Transfer (EFT) to ESCI - SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS/ IFSC Code No. SBIN 0004159 – MICR No.500002075.** While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.

REGISTRATION:

Online registration shall be available on ESCI website.

To register, manually please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee.

addressed to**:**

Head, Civil & Transportation Engineering Division
Engineering Staff College of India
Old Bombay Road, Gachi Bowli, Hyderabad - 500 032
Phone: Direct 040-6630 4114, 6630 4115 / Fax: 040-23000336
Email : cte@escihyd.org

CERTIFICATE:

A certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INSTRUCTIONS:

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well developed Information Centre and Internet facilities are available to the participants.